

WHAT IS CLAIMED IS:

1. An image reading apparatus, which carries out reading in a fed document reading mode and in a stationary document reading mode, where reading means for reading is fixedly-positioned to read a fed-in document in the fed document reading mode, while the reading means is moved to read a stationary document in the stationary document reading mode, the image reading apparatus comprising:

changeover means for switching over, by moving the reading means, between (a) a driving force for feeding in the document in the fed document reading mode, and (b) a driving force for moving the reading means in the stationary document reading mode, where the driving forces are supplied from a driving force source.

2. The image reading apparatus as set forth in Claim 1, wherein:

the changeover means includes at least two planetary gears, wherein the changeover means switches over the planetary gears to switch over the driving forces that are from the driving force source.

3. The image reading apparatus as set forth in Claim 2, comprising:

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an auxiliary gear being engaged with a driving gear of the reading means,

wherein the auxiliary gear is engaged with the planetary gears when the reading means is shifted from a document reading position in which the document is read in the fed document reading mode, where the driving gear receives the driving force from the planetary gears.

4. The image reading apparatus as set forth in Claim 2, wherein, the planetary gears are switched over in such a manner that, where the driving force source is a motor, rotation of the motor and the movement of the reading means are linked with each other.

5. The image reading apparatus as set forth in Claim 4, comprising:

an auxiliary gear, being engaged with a driving gear of the reading means,

wherein the auxiliary gear is engaged with the planetary gears when the reading means is shifted from a document reading position in which the document is read in the fed document reading mode, where the driving gear receives the driving force from the planetary gears.

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6. The image reading apparatus as set forth in Claim 1, comprising:

regulating means for regulating a document reading position in which the document is read in the fed document reading mode.

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